

Notice of Allowability	Application No.	Applicant(s)	
	10/525,275	POIKOLAINEN ET AL.	
	Examiner	Art Unit	
	Eric Hug	1791	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment of October 15, 2007.
2. ☒ The allowed claim(s) is/are 19,20,25 and 31-37.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ 7. <input type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
|---|--|

Response to Amendment

The following is in response to the amendment of October 15, 2007. The amendment, submitted after Final Rejection, has been entered.

Allowable Subject Matter

Claims 19, 20, 25, and 31-37 are allowed.

The following is an examiner's statement of reasons for allowance:

Claims 19, 20, 25, 31-34, and 37 are allowed, because in a twin-wire forming section having a headbox, first and second forming wires forming a twin-wire dewatering area with first and second dewatering zones, a fixed forming shoe with a curved surface deck, fixed dewatering blades, and movable dewatering blades, all structured as claimed, the prior art does not disclose or suggest arranging the above elements so that the headbox directs a lip jet to the first forming wire which lip jet travels with only the first forming wire before the twin-wire dewatering area, the forming shoe forms a first dewatering zone and engages the second forming wire with its leading edge positioned before the beginning of the twin-wire dewatering area, and the fixed and movable dewatering blades form a second dewatering zone and are opposingly engaged with the first and second forming wires.

Claims 35 and 36 are allowed, because the prior art does not disclose or suggest a hybrid former of a paper or board machine having a headbox, a fourdrinier first forming wire and a second forming wire forming a twin-wire dewatering area, a fixed forming shoe with a curved surface deck, fixed dewatering blades, and movable dewatering blades, all structured as claimed, the prior art does not disclose or suggest arranging the above elements so that the headbox

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directs stock to the fourdrinier forming wire, the forming shoe forms a first dewatering zone and engages the second forming wire with its leading edge positioned before the beginning of the twin-wire dewatering area, and the fixed and movable dewatering blades form the second dewatering zone and are opposingly engaged with the first and second forming wires.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Response to Arguments

Applicant's arguments filed October 15, 2007 have been fully considered.

The amendment to claim 19 overcomes the rejection of claims 19 and 20 under 35 U.S.C. 112, second paragraph.

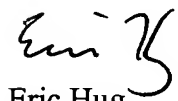
Arguments regarding the rejection of claims 35 and 36 under 35 U.S.C. 103(a) over Polifke (US 5,507,918) are persuasive. It is recognized that in Polifke the fixed forming shoe is flat and engaged with the fourdrinier rather than the second forming wire, which also means the first forming wire is supported rather than unsupported by the forming shoe, and that the stock contacts the shoe beginning at the leading edge, contrary to the claims.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eric Hug whose telephone number is 571 272-1192.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steven Griffin can be reached on 571 272-1189. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


Eric Hug
Primary Examiner